



Connectors > Lighting Connectors > Street Lighting Controls > Street Lighting Photocells



Product Availability: Americas, Asia, Australia & New Zealand, Europe, Middle East & Africa

Street Lighting Photo Control Technology: Thermal

Operating Voltage Range: 105 – 305 VAC

Grade: Commercial, Industrial

Load Rating (Ballast): 1800 VA

Features

Product Type Features

Light Sensor	CdS Photocell
Street Lighting Photo Control Technology	Thermal

Electrical Characteristics

Operating Voltage Range	105 – 305 VAC
Load Rating (Ballast)	1800 VA
Load Rating (Tungsten)	1000 W
Fail Mode	On
Surge Protection	480 Joule

Body Features

Compatible With Lamp Type	LED
Primary Product Color	Blue

Mechanical Attachment

Mounting Options	Locking
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Housing Features

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Housing Material	High Impact Polyphenylene Oxide with UV-Stabilized Acrylic Window
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Dimensions

Product Diameter	74 mm[2.93 in]
Product Height	50 mm[1.96 in]

Usage Conditions

Operating Temperature Range	-40 – 65 °C[-40 – 149 °F]
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Operation/Application

Turn ON Light Level	1.5 fc
Turn ON Time Delay	30 – 45 seconds
Operating Frequency Range	50 – 60 Hz

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	ANSI C136.10

Product Availability

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Packaging Features

Packaging Method	Box
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Other

Warranty	3 Years
Grade	Commercial, Industrial
OFF/ON Ratio	4:1

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235)



SVHC > Threshold:
Cadmium oxide (2.1% in Photocell)

Article Safe Usage Statements:
Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

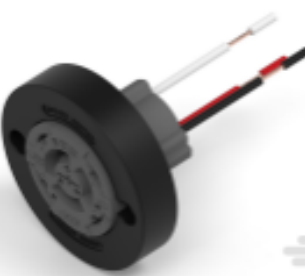
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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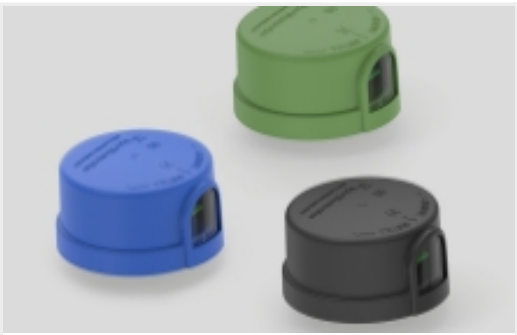
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # BB3399-000 ALR-8090-VFS	 TE Part # 2361116-1 LUMAWISE Endurance N+ Shorting Cap	 TE Part # D37490-000 CPGI-GELCAP-SL-2/0-3HOLE	 TE Part # 4Z9454-000 ALR-7090-VFS
 TE Part # 2328118-1 LUMAWISE ENDURANCE N SHORTING CAP	 TE Part # CAT-Z23-DRE LUMAWISE Endurance N Poke-In: Streetlight Dimming Receptacles	 TE Part # CAT-ST833-L97 Receptacle Assembly	 TE Part # L2134Z-000 ALR-7090-VPS

Also in the Series | ALR BF



Street Lighting Photocells(3)

Customers Also Bought



TE Part #K1161759
Emergency Stop Switch ES-2002-T312-020B



TE Part #Y12345-000
ALR-SC-10A



TE Part #1027-017-1200
CLIP, STEEL, ZINC, 8.2MM HOLE, SIDE



TE Part #172166-1
3 CIR UNIV M-N-L PLUG



TE Part #770987-1
MINI UMNL PIN 22-18AWG SN LP



TE Part #5-1393144-7
K10P-11D15-24=K10/K20



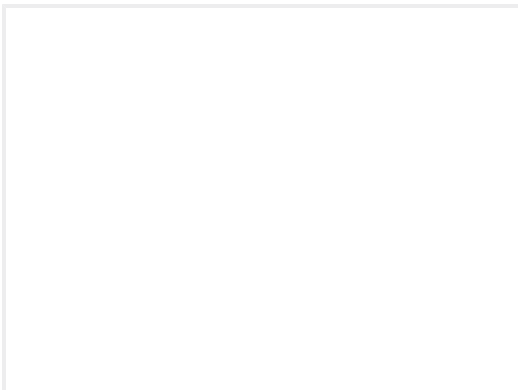
TE Part #1-1438153-3
1X6 SEALED ASSY W/ CPA 6 CLSD



TE Part #1703414-1
MT2 REC 1.6 Contact SWS Sn



TE Part #1732175-1
2+5 Sealed Connector Ass'y



TE Part #427142-000
ALR-AA-1068-9IN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_812812-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_812812-000_A.3d_igs.zip

812812-000

Thermal, 105 – 305 VAC, Commercial / Industrial, 1800 VA Load Rating (Ballast),
Locking, ALR BF, ANSI Street Lighting Photocells



English

Customer View Model

[ENG_CVM_CVM_812812-000_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[BF-SERIES-PHOTOCONTROL-STREET-LIGHTING](#)

English